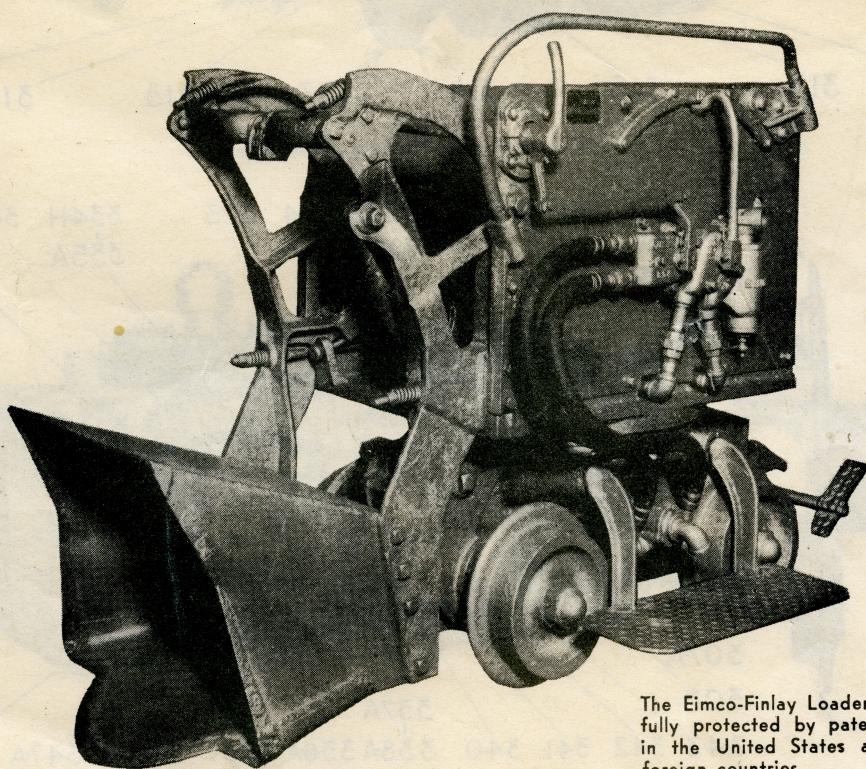


PARTS LIST FOR EIMCO LOADER



The Eimco-Finlay Loader is
fully protected by patents
in the United States and
foreign countries.

ALL parts used in the Eimco-Finlay Loader have been
designed by Eimco Engineers and are manufactured
to rigid specifications—very largely from special heat-
treated alloy steels. The use of substitutes will not only
impair operating efficiency and increase maintenance costs,
but may easily cause an expensive failure.

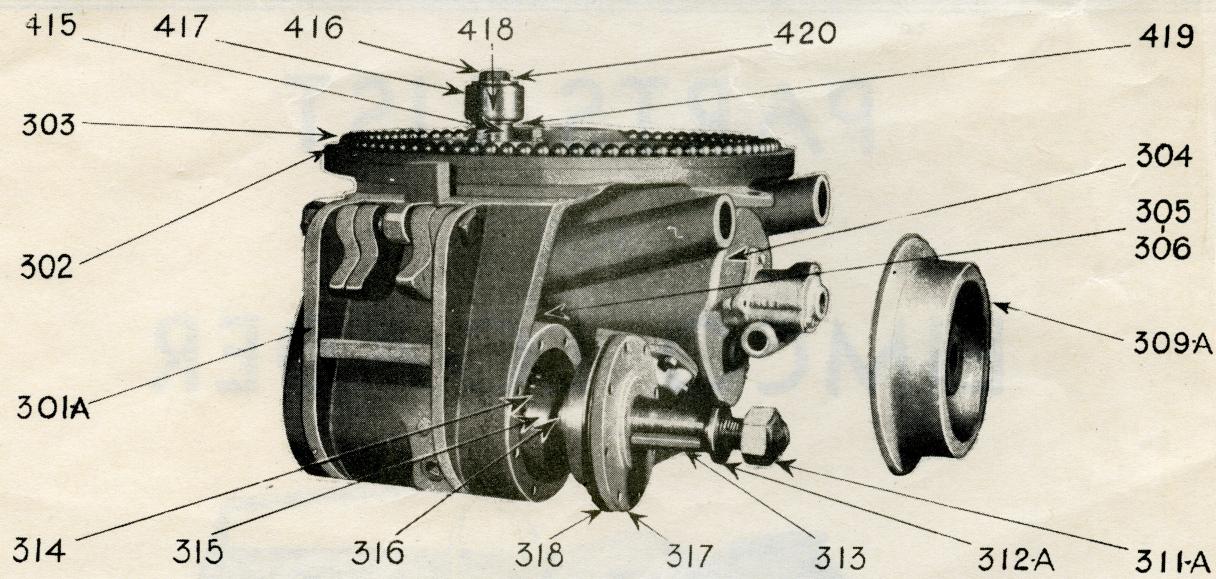
Model 12-B Serial No. _____

When ordering parts always give the SERIAL NUMBER
OF THE LOADER, together with the name, parts number
and quantity of each part required.

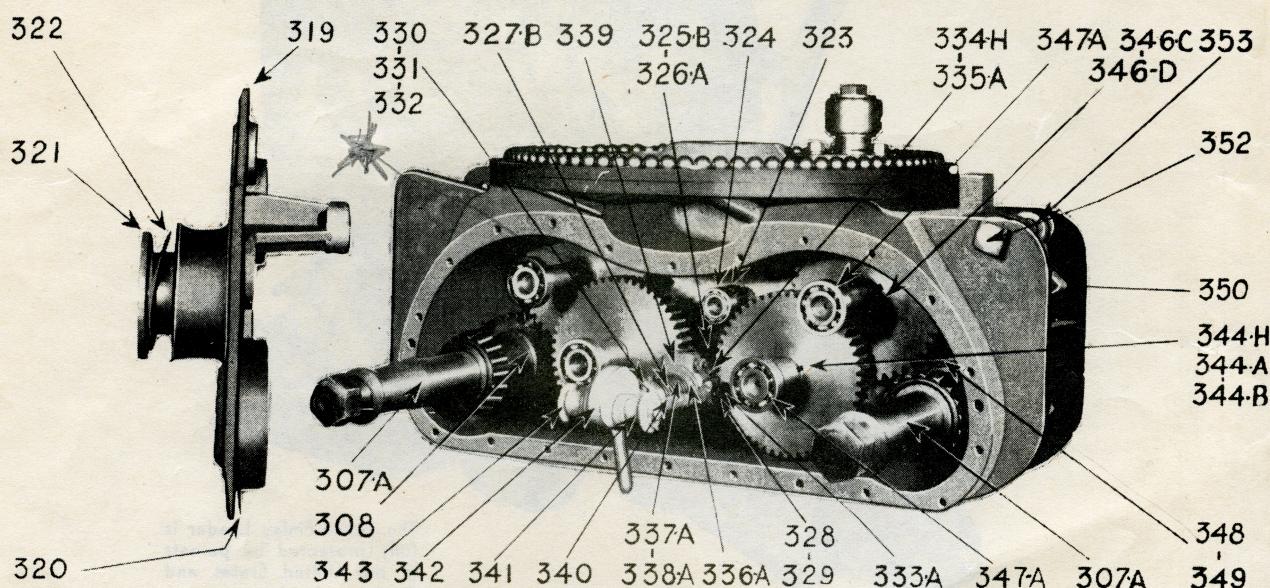
THE EIMCO CORPORATION

Salt Lake City, Utah, U.S.A.

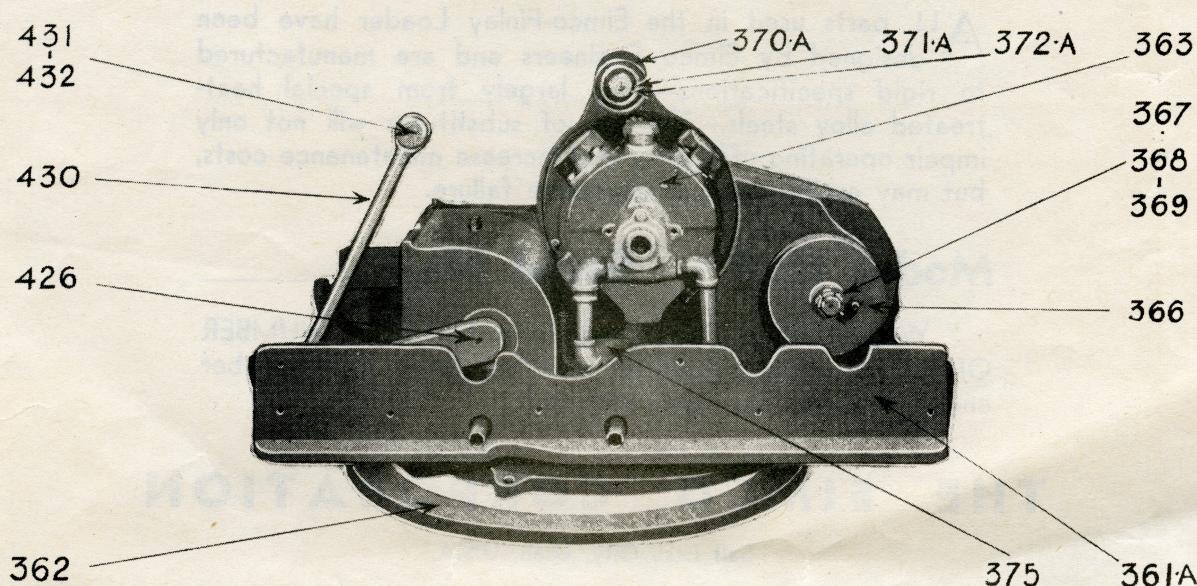
PARTS LIST FOR MODEL 12-B EIMCO-FINLAY LOADER



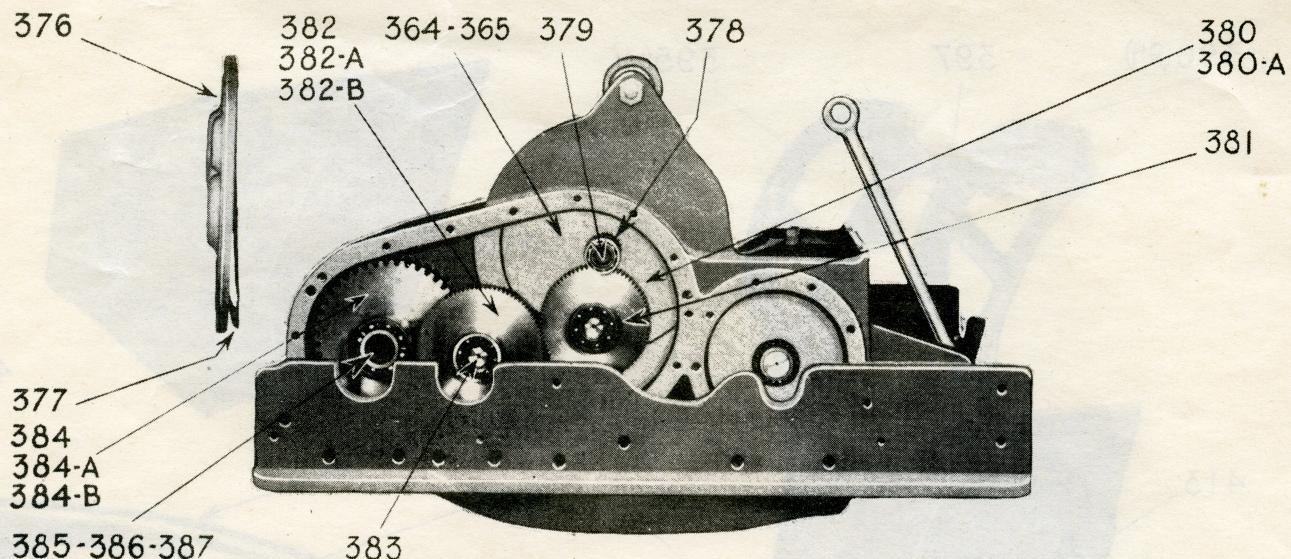
Lower-deck assembly from control side.



Lower-deck assembly—cover plate removed.



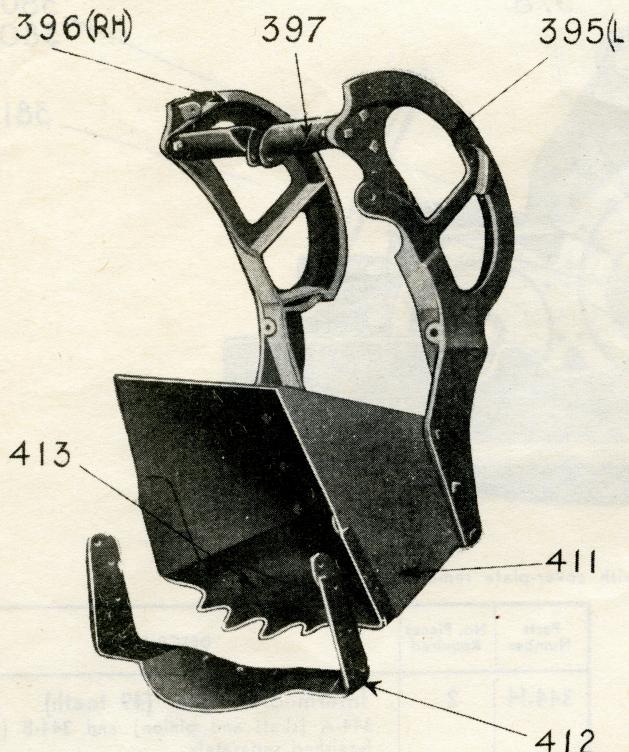
Upper-deck assembly from control side.



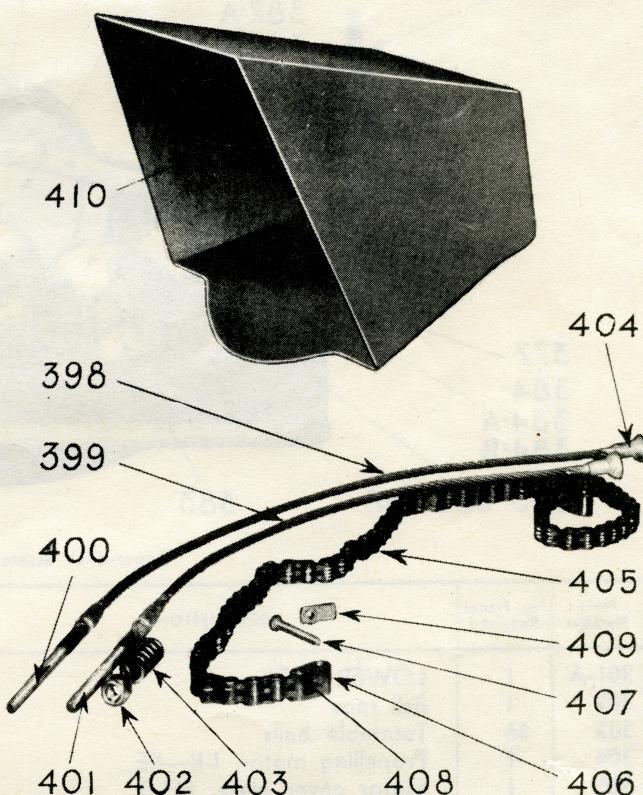
Upper-deck assembly with cover-plate removed.

Parts Number	No. Pieces Required	DESCRIPTION	Parts Number	No. Pieces Required	DESCRIPTION
301-A	1	LOWER DECK	344-H	2	Intermediate gear (49 teeth) includes 344-A (shaft and pinion) and 344-B (key) not furnished separately.
302	1	Ball race	347-A	4	Intermediate gear bearings, ND77207
303	86	Turntable balls	346-C	2	Idler gear (lower deck) includes (shaft) 346-D not furnished separately
304	1	Propelling motor, I-R—EE	347-A	4	Idler gear bearings, ND77207
305	1	Motor cover plate, EELD	348	2	Axle driving gears { Furnished only
306	2	Motor and cover plate gaskets	349	2	Axle driving gear keys } with axle (307)
307-A	2	Axes (includes parts 348 and 349) not furnished separately	350	6	Inside digging width stops
308	2	Axle spacers	352	1	Digging width stop shaft
309-A	4	Wheels	353	1	Digging width stop shaft spacer
311-A	4	Axle nuts	361-A	1	UPPER DECK
312-A	4	Axle washers	362	1	Ball race
313	4	Axle key	363	1	Elevating motor, I-R—EE
314	4	Axle bearing, Timken cone, 639	364	1	Motor cover plate, EEUD
315	4	Axle bearing, Timken cup, 632	365	2	Motor and cover plate gaskets
316	4	Axle bearing grease seal	366	1	Chain reel
317	2	Axle caps	367	1	Chain reel drive key
318	2 (set)	Axle cap shims	368	1	Chain reel nut
319	1	Side plate	369	1	Chain reel washer
320	1	Side plate gasket	370-A	1	Chain roller
321	1	Side plate cap	371-A	2	Chain roller bearings, SKF 6207-Z
322	1	Side plate cap gasket	372-A	1	Chain roller shaft
323	1	Motor pinion	375	1	King bolt (complete)
324	1	Motor pinion bearing, SKF 5205-M	376	1	Side plate
325-B	1	Motor pinion driven gear	377	1	Side plate gasket
326-A	1	Motor pinion driven gear key	378	1	Elevating motor pinion
327-B	1	Clutch shaft —10 spline—	379	1	Elv. motor pinion bearing, SKF 5205-M
328	1	Clutch shaft inner bearing, SKF 6306	380	1	Pinion-driven gear (upper deck) includes 380-A (shaft) not furnished separately
329	1	Clutch shaft inner bearing lock screw	381	2	Pinion driven gear bearings, SKF 6306
330	1	Clutch shaft outer bearing SKF 6305	382	1	Intermediate gear (upper deck) includes 382-A (shaft and pinion) and 382-B (key) not furnished separately
331	1	Clutch shaft outer bearing lock nut N05	383	2	Intermediate-gear bearings, SKF 6306
332	1	Clutch shaft outer bearing washer W05	384	1	Chain-reel gear, includes 384-A (shaft) and 384-B (key) not furnished separately
333-A	1	Clutch shaft spacer	385	1	Chain reel shaft outer bearing, SKF 6308
334-H	1	Clutch shaft pinion —17 teeth—	386	1	Chain reel shaft inner bearing, SKF 6310
335-A	1	Clutch shaft pinion bushing	387	1	Chain reel shaft inner bearing grease seal
336-A	1	Jaw clutch			
337-A	1	Clutch spring			
338-A	1	Clutch spring thrust washer			
339	1	Clutch collar			
340	2	Clutch throw-out rods			
341	2	Clutch throw-out rod eyes			
342	1	Clutch throw-out cam			
343	1	Clutch throw-out cam shaft			

When ordering parts always give the serial number of the loader, together with the name, parts number, and quantity of each part required.



Rocker-Arm and Bucket Assembly.



Bucket—Bucket Chain—Rocker Cables.

Parts Number	No. Pieces Required	DESCRIPTION
395	1	Rocker arm, left hand
396	1	Rocker arm, right hand
397	1	Rocker arm yoke
398	2	Rocker cables, long (with fittings)
399	2	Rocker cables, short (with fittings)
400	2	Rocker cable adjusting bolt (long)
401	2	Rocker cable adjusting bolt (short)
402	4	Rocker cable adjusting bolt nuts
403	4	Rocker cable tension springs
404	4	Rocker cable end fitting
405	1	Bucket chain (with end links)

Parts Number	No. Pieces Required	DESCRIPTION
406	2	Bucket chain end links
407	2	Bucket chain end link pins
408	2	Bucket chain end link rivets
409	1	Bucket chain end link pin lock
410	1	Bucket

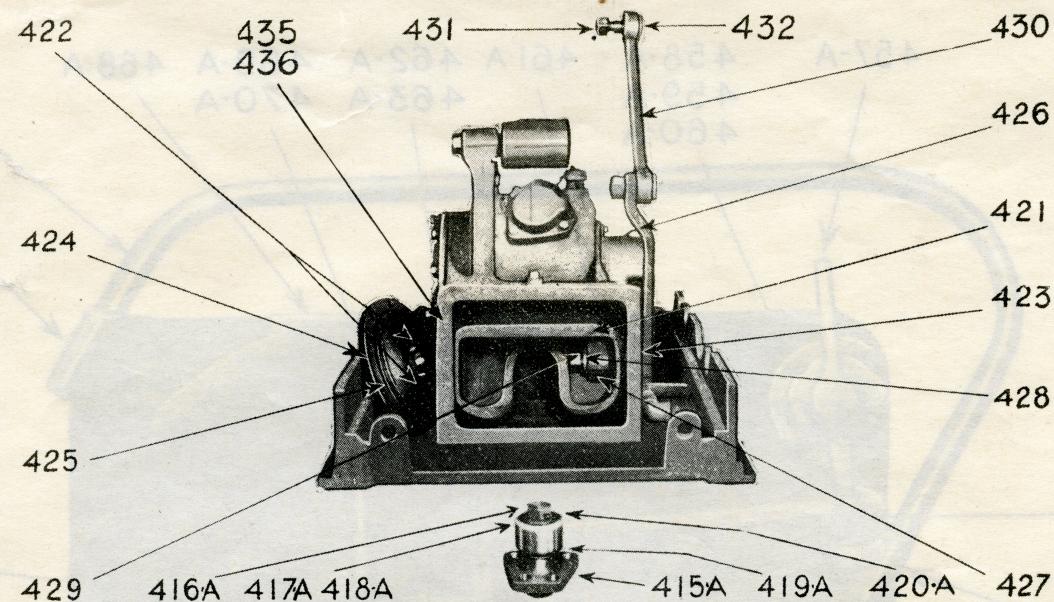
When ordering parts always give the serial number of the loader, together with the name, parts number, and quantity of each part required.

NOTE

All Model 12-B Loaders are fundamentally standardized in design and construction, with all parts manufactured by precision methods which assure absolute interchangeability. Different patterns of rocker arms, buckets, and other related parts are necessary however, to provide correct dumping height and discharge distance for any given size and type of mine car. Provision must be

made, also, for the particular track gauge and size of rail upon which the loader is to operate.

Because of these necessary differences in details of construction it is essential that the SERIAL NUMBER OF THE LOADER should be given when ordering replacement parts. We keep a complete record of the patterns used for each machine, and when given the correct serial number can always duplicate any original part.

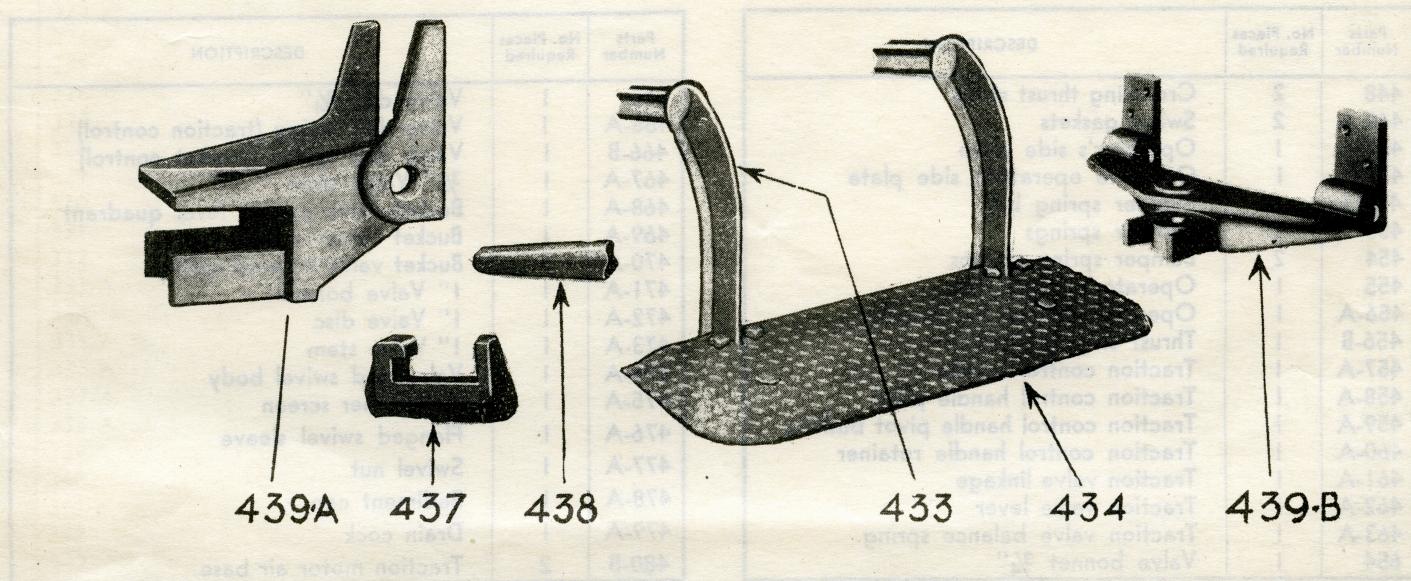


Upper Deck Assembly showing patented Automatic Centering Device.

Parts Number	No. Pieces Required	DESCRIPTION
415-A	1	Centering roller anchor
416-A	1	Centering roller anchor nut
417-A	1	Centering roller
418-A	1	Centering roller bushing
419-A	1	Centering roller washer (lower)
420-A	1	Centering roller washer (upper)
421	1	Centering drum
422	2	Centering drum bearings, Timken cone 11162, cup 11300
423	1	Centering drum bearing grease seal
424	1	Centering drum housing cap
425	1 (set)	Centering drum housing cap shims
426	1	Centering drum drive lever
427	1	Centering drum drive lever key
428	1	Centering drum drive lever washer

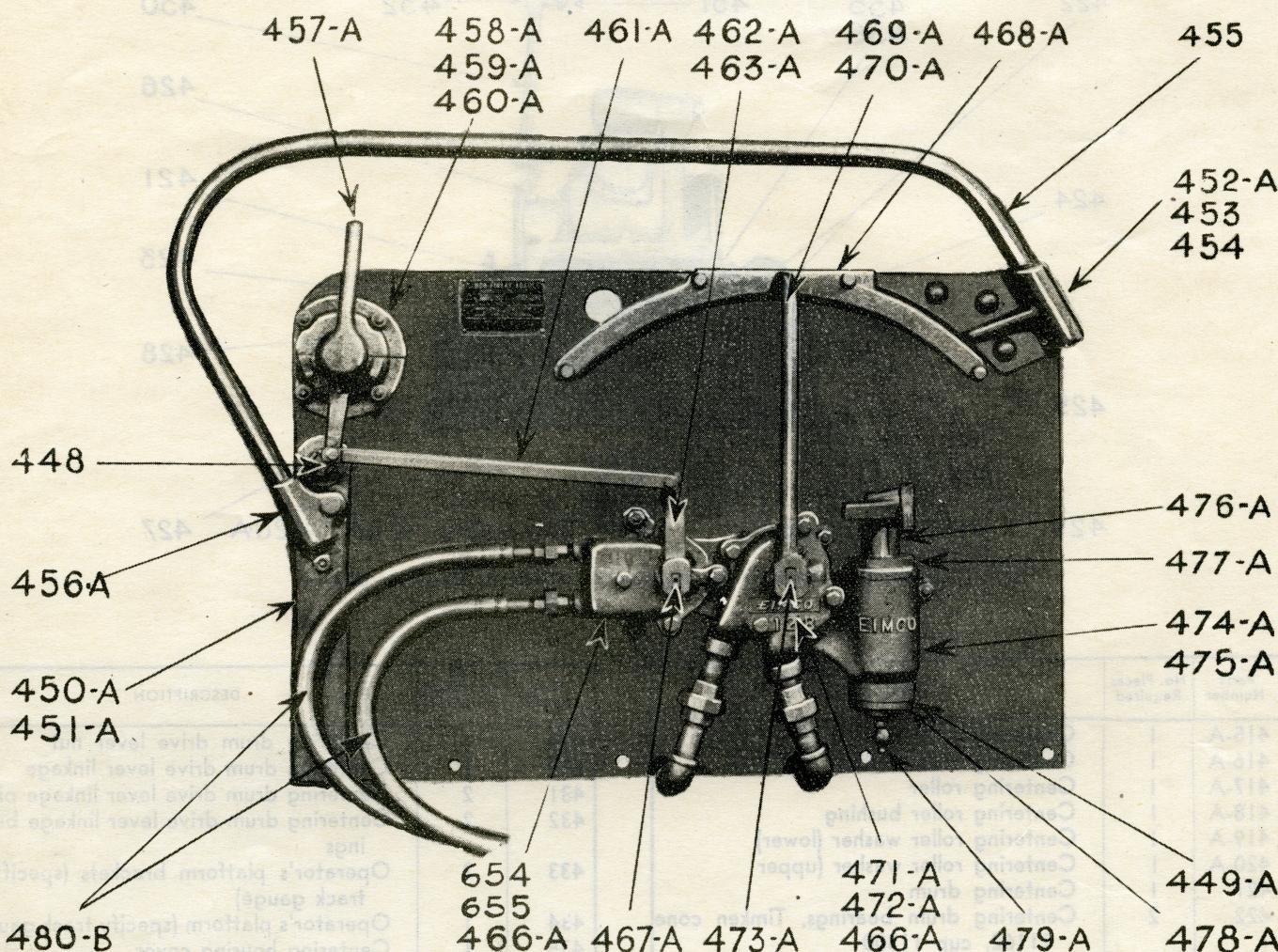
Parts Number	No. Pieces Required	DESCRIPTION
429	1	Centering drum drive lever nut
430	1	Centering drum drive lever linkage
431	2	Centering drum drive lever linkage pins
432	2	Centering drum drive lever linkage bushings
433	2	Operator's platform brackets (specify track gauge)
434	1	Operator's platform (specify track gauge)
435	1	Centering housing cover
436	1	Centering housing cover gasket
439-A	1	Bumper
439-B	1	Bumper

When ordering parts always give the serial number of the loader, together with the name, parts number, and quantity of each part required.



Bumpers, Rail Clamp, Operator's Platform.

PARTS LIST FOR MODEL 12-B EIMCO-FINLAY LOADER



CONTROL EQUIPMENT

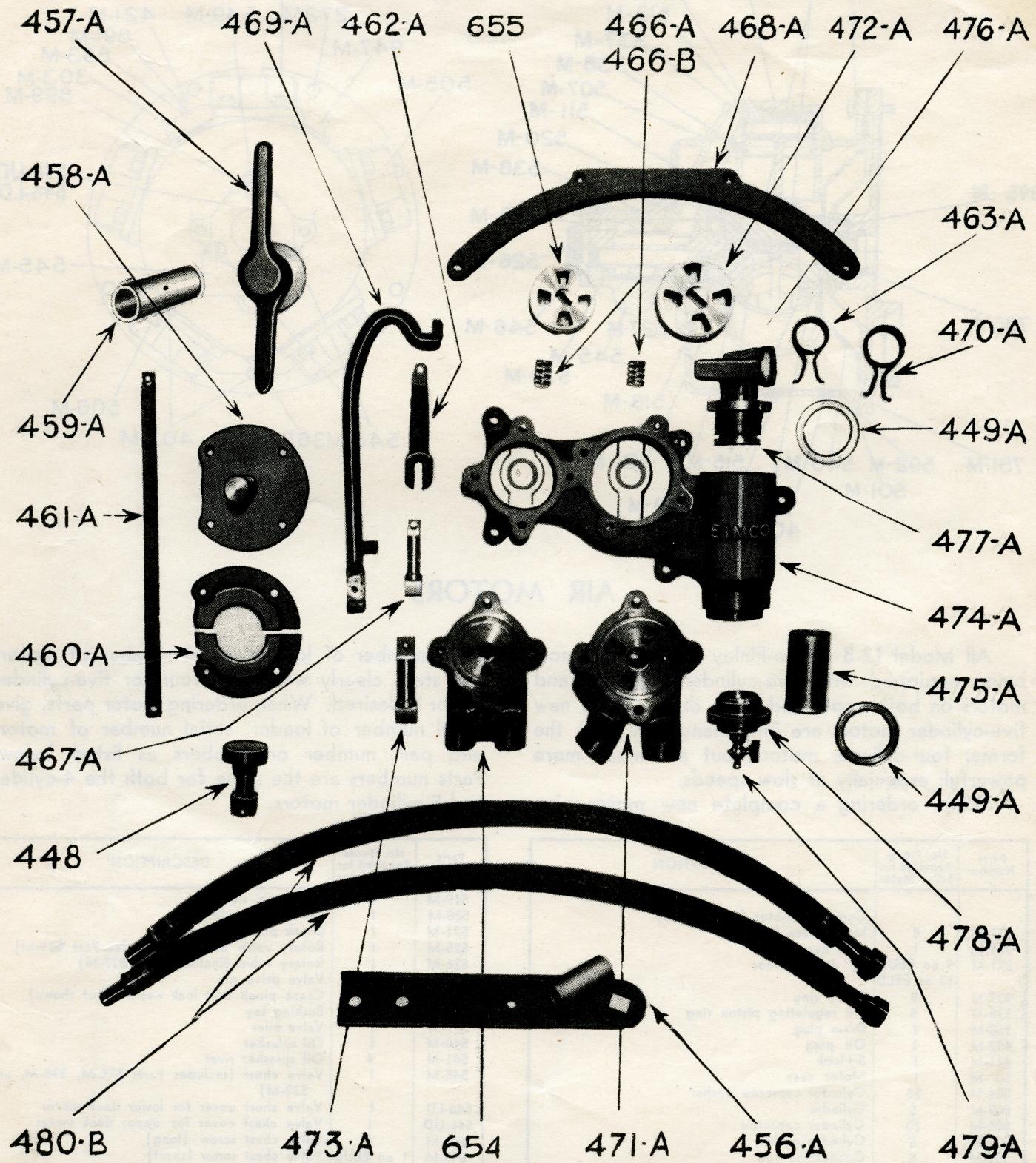
An outstanding feature of the Model 12-B Eimco-Finlay Loader (as compared with the Model 12 which it supersedes) is the new stream-lined control equipment illustrated above, which admits air faster, simplifies the piping layout and improves operating convenience.

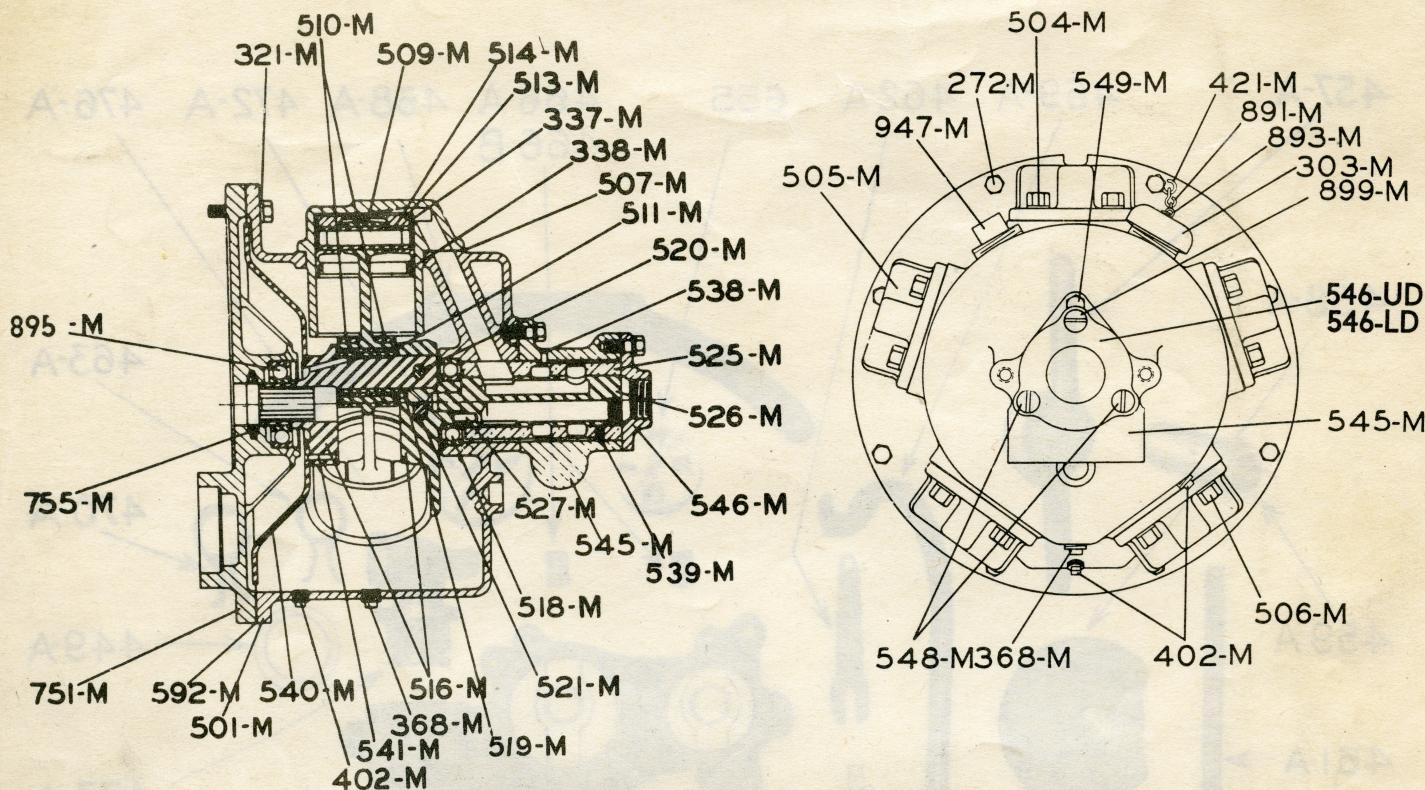
Loader. This change increases the effective speed and power of both the traction and bucket-elevating motors, and usually more than justifies the moderate expense involved. With the addition, also, of our new five-cylinder motors (see page 8) any Model 12 Eimco-Finlay Loader becomes identical with the Model 12-B.

Parts Number	No. Pieces Required	DESCRIPTION
448	2	Crowding thrust stops
449-A	2	Swivel gaskets
450-A	1	Operator's side plate
451-A	1	Opposite operator's side plate
452-A	1	Bumper spring bar
453	2	Bumper springs
454	2	Bumper spring clamps
455	1	Operator's guard bar
456-A	1	Operator's guard bar bracket
456-B	1	Thrust stop bracket
457-A	1	Traction control handle
458-A	1	Traction control handle pivot
459-A	1	Traction control handle pivot bushing
460-A	1	Traction control handle retainer
461-A	1	Traction valve linkage
462-A	1	Traction valve lever
463-A	1	Traction valve balance spring
654	1	Valve bonnet $\frac{3}{4}$ "

Parts Number	No. Pieces Required	DESCRIPTION
655	1	Valve disc $\frac{3}{4}$ "
466-A	1	Valve disc spring (traction control)
466-B	1	Valve disc spring (bucket control)
467-A	1	$\frac{3}{4}$ " Valve stem
468-A	1	Bucket valve control lever quadrant
469-A	1	Bucket valve control lever
470-A	1	Bucket valve balance spring
471-A	1	$1\frac{1}{2}$ " Valve bonnet
472-A	1	$1\frac{1}{2}$ " Valve disc
473-A	1	$1\frac{1}{2}$ " Valve stem
474-A	1	Valve and swivel body
475-A	1	Air cleaner screen
476-A	1	Flanged swivel sleeve
477-A	1	Swivel nut
478-A	1	Sediment cap
479-A	1	Drain cock
480-B	2	Traction motor air base

When ordering parts always give the serial number of the loader, together with the name, parts number, and quantity of each part required.





AIR MOTORS

All Model 12-B Eimco-Finlay Loaders are now being equipped with five-cylinder Ingersoll-Rand motors on both upper and lower decks. These new five-cylinder motors are interchangeable with the former four-cylinder motors, but are much more powerful; especially at slow speeds.

When ordering a complete new motor give

serial number of loader, serial number of motor, and state clearly whether a four- or five-cylinder motor is desired. When ordering motor parts, give serial number of loader, serial number of motor, and part number or numbers as listed below. Parts numbers are the same for both the 4-cylinder and 5-cylinder motors.

Parts Number	No. Pieces Required for 5-Cyl. Motor	DESCRIPTION
272-M	8	Complete motor (see page 3)
303-M	1	Motor case bolt
321-M	9 on EEUD 12 on EELD	Vent cap 3/8" Lock washer
337-M	5	Piston ring
338-M	5	Oil regulating piston ring
368-M	1	Drain plug
402-M	2	Oil plug
421-M	1	S-Hook
501-M	1	Motor case
504-M	20	Cylinder capscrew washer
505-M	5	Cylinder
506-M	20	Cylinder capscrew
507-M	5	Cylinder gasket
509-M	5	Connecting rod
510-M	2	Connecting rod ring
511-M	1	Connecting rod bushing
513-M	5	Piston
514-M	5	Wrist pin (includes caps)
516-M	1	Crank, bare (includes Parts 519-M, 520-M, 521-M, 537-M, 540-M and 541-M (4))
A-516-M	1	Crank, complete (includes Parts 509-M (4), 510-M (2), 511-M, 516-M, 518-M (2), 519-M, 520-M, 521-M, 537-M, 540-M and 541-M (4))
518-M	1	Crank bearing valve end

Parts Number	No. Pieces Required for 5-Cyl. Motor	DESCRIPTION
519-M	1	Crank pin sleeve
520-M	1	Crank taper pin
521-M	1	Crank pinch bolt
525-M	1	Rotary valve bushing (includes Part 539-M)
526-M	1	Rotary valve (includes Part 527-M)
527-M	1	Valve drive pin
537-M	1	Crank pinch bolt lock washer (not shown)
538-M	1	Bushing key
539-M	1	Valve oiler
540-M	1	Oil splasher
541-M	4	Oil splasher rivet
545-M	1	Valve chest (includes Parts 525-M, 538-M, and 539-M)
546-LD	1	Valve chest cover for lower deck motor
546-UD	1	Valve chest cover for upper deck motor
548-M	2	Valve chest screw (long)
549-M	1 on EEUD 2 on EELD	Valve chest screw (short)
592-M	1	Motor case cover gasket
751-M	1	Motor case cover (includes Part 755-M)
755-M	1	Motor pinion packing
891-M	1	Vent Cap Chain
893-M	1	Vent Cap Cotter
895-M	1	Crank bearing, pinion end
899-M	1	Vave Chest Cover Screw
932-M	2	Jack bolt (not shown) for removing valve chest from motor
947-M	1	1 1/4" Pipe Plug

When ordering parts always give the serial number of the loader, together with the name, parts number, and quantity of each part required.